Slicer4D User Feedback

This user feedback form is designed to determine whether our solution, Slicer4D, provides an effective platform for integrating dynamic slicing into the debugging workflow. Participants begin by answering a series of simple questions about their background and skill as software developers after which follows a series of questions about their experience with Slicer4D in debugging a bug.

If participants have further questions about this study or their rights, or if they wish to lodge a complaint or concern, they may contact Sahar Badihi at shrbadihi@ece.ubc.ca.

* Indicates required question

Experience and Demographics

1. How many years of programming experience do you have? (in any programming language) *

   Mark only one oval.

   ◯ Less than 1 year
   ◯ At least 1 but less than 3 years
   ◯ At least 3 but less than 5 years
   ◯ At least 5 but less than 10 years
   ◯ More than 10 years

2. How many co-op terms have you completed? *

   Mark only one oval.

   ◯ 1 (less than four months)
   ◯ 1 (four month)
   ◯ 2 (less than eight months)
   ◯ 2 (eight months)
   ◯ More than 2

3. How would you rate your programming skill level? *

   Mark only one oval.

   ◯ Novice: developed a few small programs
   ◯ Intermediate: developed a few large programs
   ◯ Proficient: developed several large software systems

4. Are you familiar with and using IntelliJ IDE debugger utilities (e.g., breakpoints and stepping)? *

   Mark only one oval.

   ◯ Yes
   ◯ No

5. What is your age? *

   _____

6. What is your gender? *

   Mark only one oval.

   ◯ Female
   ◯ Male
   ◯ Non-binary person
   ◯ Prefer not to say

User Feedback

7. Overall, how **useful** do you find Slicer4D? *

   Mark only one oval.

	1	2	3	4	5	6	7	8	9	10	
Not	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	Very useful

8. How **easy is it to learn** how to use Slicer4D? *

   Mark only one oval.

	1	2	3	4	5	6	7	8	9	10	
Not	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	Very easy

9. How satisfied are you with the **line graying**? *

   Mark only one oval.

	1	2	3	4	5	6	7	8	9	10	
Stro	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	Strongly Satisfied

10. How satisfied are you with the **debug actions** (step into, step over, etc.) skipping over non-slice lines? *

    Mark only one oval.

	1	2	3	4	5	6	7	8	9	10	
Stro	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	Strongly Satisfied

11. How satisfied are you with the **breakpoints** being ignored for non-slice lines? *

Mark only one oval.

	1	2	3	4	5	6	7	8	9	10	
Stro	○	○	○	○	○	○	○	○	○	○	Strongly Satisfied

12. Which of Slicer4D's features did you **like** the most? *

_____

13. Which of Slicer4D's features did you **dislike** the most? *

_____

14. Any particular features that you want to **see added**? *

_____

Final Feedback

15. Any additional comments regarding the sessions or overall agenda?

_____

16. Name (optional)

_____

17. Email (optional)

_____

Google Forms